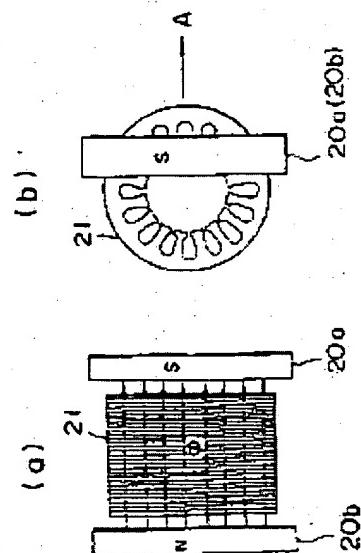


INDUCTION HEATING METHOD FOR LAMINATED IRON CORE AND APPARATUS THEREFOR

Patent number: JP60074417
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Inventor: OKAMOTO TATSUMI
Applicant: OKAMOTO TATSUMI;; MITSUI MFG
Classification:
- **international:** H01F41/02
- **european:** H01F41/02A3; H02K15/02; H05B6/02B
Application number: JP19830181232 19830929
Priority number(s): JP19830181232 19830929

Report a data error here**Abstract of JP60074417**

PURPOSE: To efficiently heat the entire part of laminated iron core by continuously carrying a laminated iron core between a pair of inductors for heating. **CONSTITUTION:** A pair of inductors for heating 20a, 20b are provided opposingly and the shape of section of it is rectangular with the longer sides being set longer a little than the diameter of laminated iron core 21 and the shorter sides being set sufficiently shorter than the longer sides. The magnetic pole is generated by applying an alternative current to the coils of inductors 20a and 20b. The iron core 21 is arranged so that direction of magnetic flux phi generated between the inductors 20a, 20b matches the thickness direction of iron core and it is continuously carried out in the direction of arrow mark A.



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